


Trimble NetR9 Resource Page

673 Freddy Blume February 16, 2024 [Trimble NetR9](#) 3705

NetR9 Owners should [visit this page](#) for critical information on configuring power settings to ensure proper operation.

Back to receiver comparison page	Receiver	GNSS ?	Available as special buy	Available on loan	Serviceable at UN AVCO	File Size (24 hr, 15 s)	Memory
	Trimble NetR9	● Y	● Y	● Y	● Y	● 0.9 MB	● Up to 16 GB Internal External USB

- Configure through the screen or via an http interface; no special programming software.
- Download data via the http interface or via ftp; no special downloading software.
- Has ftp push capabilities.
- Records GPS L1, L2, L2C, L5, GLONASS, Galileo, BeiDou, QZSS, and SBAS.
- Native data format is .T02; can stream RT27, BINEX, RTCM and other real-time standard formats.
- External USB drive support
- The maximum number of sessions available depends on the logging rate of the enabled sessions. The sum, in Hz, of all the logging rates of the enabled sessions cannot exceed ~60 Hz.

Resources

- What to try if NetR9 is in "RECEIVER IN REMOTE MONITOR" (PDF below)
- [Basic Use of the Trimble NetR9 \(link to NeR8 page, same process\)](#)
- [Trimble NetR9 Data Sheet \(.pdf\)](#)
- [Trimble NetR9 Receiver User Guide \(.pdf\)](#)
- [Trimble NetR9 RTX Configuration](#)

Firmware and Configuration

- [Trimble NetR9 Receiver - Current Firmware Version details and downloads](#)
- [UNAVCO standard configuration files for the NetR9](#) (updated for each firmware version)
- Where available, UNAVCO recommends using an external LVD between the receiver and a battery power source to ensure that the receiver always powers up. Please see the [receiver configuration](#) details page when using an LVD.
- If an external LVD is not available for use at a remote continuous site, then UNAVCO recommends enabling Shutdown Override in the Receiver Configuration -> General menu. Shutdown Override prevents the unit from shutting down when an external voltage above the Power On Voltage is present. **Caution** : enabling Shutdown Override will override Data Logging/Power Saving settings, Application File Power-Up Timer settings, as well as the front panel power button.
- NetR9 Owners should [visit this page](#) for a critical information regarding use of versions 4.41, 4.42 and 4.43.

Testing

- [Critical Power On and Shutdown Voltage Information](#)
- [Use of external USB Memory with NetR9 Receivers](#)
- 24 hour power test without usb thumb drive (mean = 3.2 W)
- [12 hour power test with usb thumb drive connected \(mean = 3.67 W\)](#)
- Updated power tests (11/2019)

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